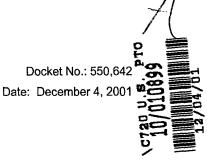
Box: PATENT APPLICATION Assistant Commissioner for Patents Washington, D.C. 20231



NEW APPLICATION TRANSMITTAL

Transmitted herewith for filing is the patent application of Inventor(s):

Kent M. Campbell **Robert Louis Jacobs** John Waldimars Ulis Stephen Ralph Bates **Thomas Charles Harsch**

Note: A patent must be applied for in the name(s) of all of the actual inventor(s). 37 CFR 1.41 For:

The Papers Required for Filing Date Under 37 CFR 1.53(b):

and Trademark Office, Arlington, VA 22202.

CONTROL PROGRAM, FOR A SUPERVISOR PROCESSOR IN A VIDEO-ON-DEMAND SYSTEM, WHICH BUILDS SUBGROUPS OF INTERNET PROTOCOL HEADERS AND TRANSMISSION CONTROL LISTS

Enclosed are:

1.

35	Pages of specification
1	Pages of Abstract
3	Pages of claims
10	Sheets of drawings
	X formal
	informal
In addition t	to the above papers, there is also attached:
<u> </u>	Pages of an amendment
	CERTIFICATION UNDER 37 CFR 1.10
, ,	this paper (along with any paper referred to as being attached or enclosed) is being deposited es Postal Service on this date, December 4, 2001 in an envelope as "Express Mail Post Office

to Addressee" Mailing Label Number EL070486173US addressed to the: Box PATENT APPLICATION, U.S. Patent Patti S. Preddy

(Type or print name of person mailing paper)

(Signature of person mailing paper

NOTE: Each paper or fee referred to as enclosed herein has the number of the "Express Mail" mailing label placed thereon prior mailing, 37 CFR 1.10(b).

(Application Transmittal-page 1 of 4)

3.

4.

5.

2.

X		
X	_	original
	X	neck all applicable boxes)
	X	inventors(s)
		legal representative of inventor(s) 37 CFR 1.42 or 1.43
		joint inventor or person showing a proprietary interest on behalf of inventor who refused to sign or cannot be reached.
		This is the petition required by 37 CFR 1.47 and the statement required by 37 CFR 1.47 also attached. See item 7 below for fee.
	_ Not enclosed	
NOTE:	Where the filing is a condeclaration must be filed.	appletion in the U.S. of an international application under 35 U.S.C. 371(c)(4), the
	of the above-n	made by a person authorized under 37 CFR 1.41(c) on behalf of all amed inventors(s). The declaration or oath, along with the surcharge CFR 1.16(e) can be filed subsequently.
NOTE:	It is important that all the o	correct inventors(s) are named for filing under CFR 1.41(c) and 1.53(b).
	Snowing that t 37 CFR 1.141	he filing is authorized. (Not required unless called into question. (d).
Langua	37 CFR 1.141	ne filing is authorized. (Not required unless called into question). (d).
Langua X	37 CFR 1.141	ne filing is authorized. (Not required unless called into question: (d).
	37 CFR 1.141	ne filing is authorized. (Not required unless called into question)
X	37 CFR 1.141 age English non-English An application including a	signed oath or declaration may be filed in a language other than English. A verified pon-English language application and the processing fee of \$20.00 required by 37
X NOTE:	37 CFR 1.141 age English non-English An application including a	(d).
X NOTE: CFR 1.52(d).	age English non-English An application including a English translation of the 1.17(K) is required to be	signed oath or declaration may be filed in a language other than English. A verified pon-English language application and the processing fee of \$20.00 required by 37
	37 CFR 1.141 age English non-English An application including a English translation of the 1.17(K) is required to be A non-English oath or construction of the 37CFR1.60(b).	signed oath or declaration may be filed in a language other than English. A verified non-English language application and the processing fee of \$20.00 required by 37 filed with the application or within such time as may be set by the Office. 37 CFF
X NOTE: CFR 1.52(d).	37 CFR 1.141 age English non-English An application including a English translation of the 1.17(K) is required to be A non-English oath or of 37CFR1.60(b). A verified English can be english oath or of 37CFR1.60(b).	signed oath or declaration may be filed in a language other than English. A verified non-English language application and the processing fee of \$20.00 required by 37 filed with the application or within such time as may be set by the Office. 37 CFF eclaration in the form provided or approved by the PTO need not be translated
X NOTE: CFR 1.52(d). NOTE:	age English non-English An application including a English translation of the 1.17(K) is required to be A non-English oath or of 37CFR1.60(b). A verified Engineerit	signed oath or declaration may be filed in a language other than English. A verified non-English language application and the processing fee of \$20.00 required by 37 filed with the application or within such time as may be set by the Office. 37 CFF eclaration in the form provided or approved by the PTO need not be translated
X NOTE: CFR 1.52(d). NOTE: Assign	age English non-English An application including a English translation of the 1.17(K) is required to be A non-English oath or of 37CFR1.60(b). A verified Engineerit	signed oath or declaration may be filed in a language other than English. A verified non-English language application and the processing fee of \$20.00 required by 37 filed with the application or within such time as may be set by the Office. 37 CFF eclaration in the form provided or approved by the PTO need not be translated glish translation of the specification is attached.
X NOTE: CFR 1.52(d). NOTE: Assign	age English non-English An application including a English translation of the 1.17(K) is required to be A non-English oath or of 37CFR1.60(b). A verified Engineer An assignment An assignment	signed oath or declaration may be filed in a language other than English. A verified non-English language application and the processing fee of \$20.00 required by 37 filed with the application or within such time as may be set by the Office. 37 CFF eclaration in the form provided or approved by the PTO need not be translated glish translation of the specification is attached.

7.

8.

6. Fee Calculation

CLAIMS AS FILED

Number Filed	Number Extra	Rate	Basic Fee \$740.00
Total Claims -11 -20≃	-0- X	\$ 18.00	-0-
Independent Claims -1 -3=	-0- X	\$84.00	-0-
Multiple dependent claim(s) if any -0-	-0-	\$280.00	-0-

	Amendment of	canceling extra claims enclosed	
	Amendment of	leleting multiple dependencies enclosed	
	Fee for extra	claims not being paid at this time	
		s are not paid on filing, they must be paid or the claims canceled by ame eriod set for response by the Patent and Trademark Office in any r	
37 C	FR 1.16(d)		
Filing	g Fee Calculation		\$ <u>740.00</u>
Small Entity	Statement		
	verified stater attached.	ment that this is a filing by a small entity under 37 CFR 1.9 and 1.	27 is
	Filin	g Fee Calculation (50% of above)	\$
Fee Payment	t Being Made At	This Time	
	Not Enclosed		
		No filing fee is to be paid at this time. This and the surcharge by 37 CFR 1.6(e) can be paid subsequently.	e required
NOTE: When	re the filing is compl	etion in the U.S. of an international application, the fee must be paid.	
X	Enclosed		
	X	basic filing fee	\$ <u>740.00</u>
	X	recording assignment	\$ <u>40.00</u>
		(40.00 37CFR 1.21(h)(j)	
		petition fee for filing by other than	
		all the inventors or person on behalf	
		of the inventor where inventor refused to sign	
		or cannot be reached. (\$130.00 37 CFR 1.47 and 1.17(h)	\$

			for processing an application	with	
			a specification in a non-Engli	sh language	
			(\$20.00; 37 CFR 1.53(d) and	1.17(k)	\$
			processing and retention fee		
			\$100.00; 37 CFR 1.21(I)		\$
	compl	ete the application pu	a fee for processing and retaining rsuant to 37 CFR 1.53(d) and this, obtain the benefit of a prior U.S. e of §1.21(I) within one year from n	as well as the changes to 3, application, either the ba	sic filing fee or the
			Total fees enclosed		\$ <u>780.00</u>
9.	Method of Pa	yment of Fees			
J .	Metrica or i a	-	nount of \$		
	X		t No. <u>19-3790</u> in the amount of	\$780.00 A duplicate of the	nis transmittal is
		attached.			
	NOTE: Fees		such a manner that it is clear for w	hich purpose the fees are pa	aid. 37 CFR 1.22(b)
10.	Authorization	to Charge Additi	onal Fees		
			filing, the following items should ne	ot be completed.	
	WARNING: claims, to	If these boxes	are to be checked, then accurate unexpected high charges.		y multiple dependent
	Х	The Commissioner is hereby authorized to charge the following additional fees which			
	may be required to Account No. <u>19-3790</u> .				
		X	37 CFR 1.16 (filing fees and	d presentation of extra cla	ims)
			37 CFR 1.17 (application pr		
			37 CFR 1.18 (issue fee at o	r before Mailing of Notice	of Allowance,
			pursuant to 37 CFR 1.31(b)	ı .	
	NOTE: 37 C the appli	FR 1.28(b) requires "cationprior to pay	Notification of any change in loss or issue fee."	f entitlement to small entity	status must be filed in
11.	Instructions	As To Overpayme	ent		
	X	credit Account	: No. <u>19-3790</u>		
		refund		0 1 1	
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				Signature of Attorney	
Reg.	No. 28,504			Charles J. Fassbender	tornov
امT N	lo. (858) 451-461	4		(Type or print name of at	oney,
Terry	10. (030) 401 401	7		Unisys Corporation 10850 Via Frontera, MS San Diego, CA 92127	1000

REQUEST AND CERTIFICATION UNDER 35 U.S.C. 122(b)(2)(B)(i)

First Named Inventor

CAMPBELL, KENT M., et al.

Title Control Program, For A Supervisor Processor In A Video-On-Demand System

Atty Docket Number

DOCKET 550,642

Which Builds Subgroups Of Internet Protocol Headers And Transmission Control Lists.

I hereby certify that the invention disclosed in the attached application has not and will not be the subject of an application filed in another country, or under a multilateral agreement, that requires publication at eighteen months after filing. I hereby request that the attached application not be published under 35 U.S.C. 122(b).

December 4, 2001

Date

Signature

CHARLES J. FASSBENDER

Typed or printed name

This request must be signed in compliance with 37 CFR 1.33(b) and submitted with the application **upon filing**.

Applicant may rescind this nonpublication request at any time. If applicant rescinds a request that an application not be published under 35 U.S.C. 122(b), the application will be scheduled for publication at eighteen months from the earliest claimed filing date for which a benefit is claimed.

If applicant subsequently files an application directed to the invention disclosed in the attached application in another country, or under a multilateral international agreement, that requires publication of applications eighteen months after filing, the applicant must notify the United States Patent and Trademark Office of such filing within forty-five (45) days after the date of the filing of such foreign or international application. Failure to do so will result in abandonment of this application (35 U.S.C. 122(b)(2)(B)(iii)).